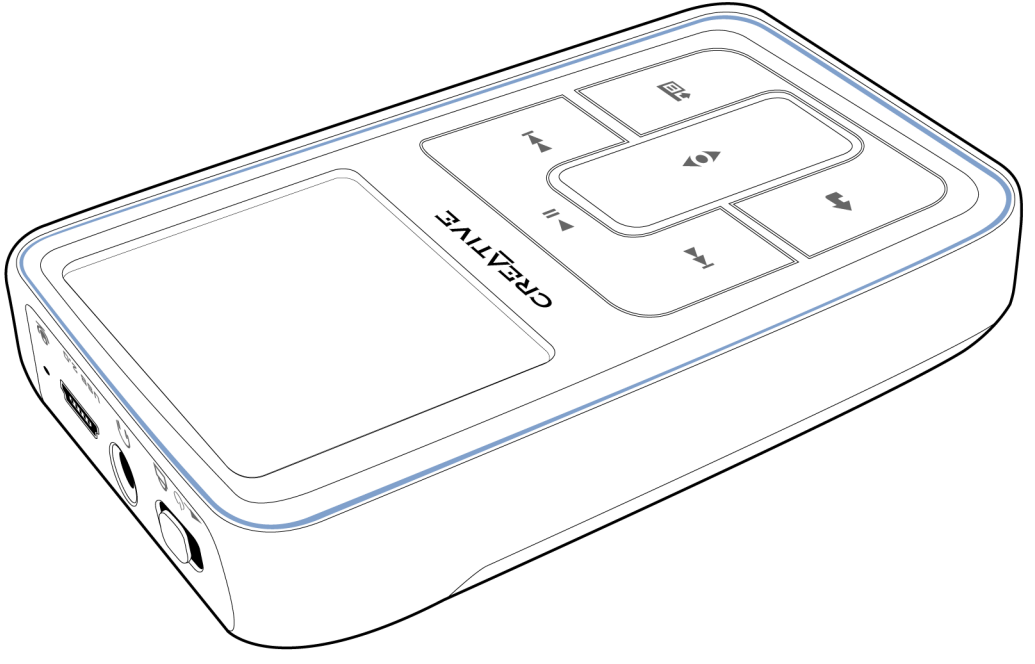

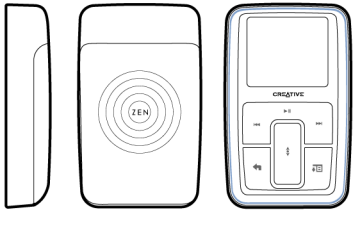

ZEN
MICROPHOTO

User's Guide

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The Software License Agreement can be found on the Installation CD.

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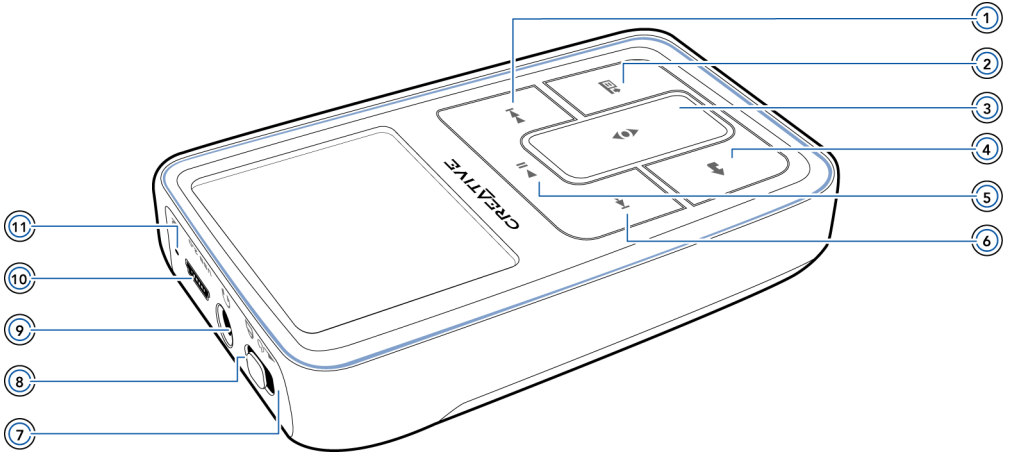
Zen MicroPhoto at a Glance

After completing the setup instructions in the Quick Start booklet, take some time to read this User's Guide to learn how to get the most out of your player.

Zen MicroPhoto



① Next/Fast-Forward button

Press this button to go the next track.
Press and hold this button to move forward within a track.

② Options button

Press this button to display the options available.

③ Vertical Touch Pad

Use the Vertical Touch Pad to scroll through and select menu items.
During playback, use the Vertical Touch Pad to adjust the volume.
For more information on using the Vertical Touch Pad, see "Vertical Touch Pad" on page 10.

④ Menu/Back button

During playback, press this button to display the main menu.
When scrolling through menu items, press this button to return to the previous menu.

⑤ Play/Pause button

Starts, pauses and resumes playback.

⑥ Previous/Rewind button

Press this button to go the previous track.
Press and hold this button to move back within a track.

7 Power switch/Screensaver LED

Turns your player on and off.
Lights up when your player enters Screensaver mode, and the screen turns off. Press any button on your player to reactivate the screen. For more information about setting the display timer, see "Setting the display duration" on page 53.

8 Lock

Slide the Power switch to the Lock position to disable your player's controls.

9 Headphone jack

Connect Zen MicroPhoto's earphones to this jack.

10 USB 2.0 port

To charge Zen MicroPhoto's battery or transfer music and data files, connect one end of the supplied USB cable to this port, and the other end of the USB cable to your computer's USB port.
To charge your player without using the computer, purchase the Zen MicroPhoto Power Adapter or Universal Travel Adapter. For more information on this and other Zen MicroPhoto accessories, visit www.creative.com.

11 Microphone

Make instant recordings with this built-in microphone.

NOTE

In the process of Organic Light Emitting Diode (OLED) display manufacturing, instances of one or more pixels appearing in a dark or fixed color, or in an unchanging state, may occur.

In line with industry standards and based on Creative's screen manufacturer's technical specifications, occurrences of fixed spots may appear and are considered acceptable if they do not impair display quality.

If, however, you notice fixed spots on your Zen MicroPhoto OLED display interfering with your use, contact Customer Support Services. You can find Customer Support Services information in the Installation and Applications CD. Go to **d:\support\<region>\<language>\support.chm**.

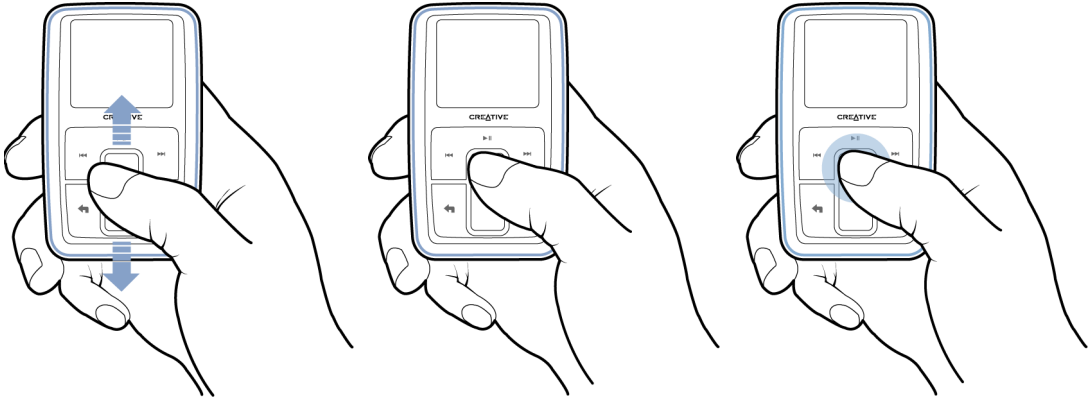
(replace **d:** with the drive letter of your CD-ROM/DVD-ROM drive, **<region>** with the region that you are in, and **<language>** with the language that your document is in)

Turning Zen MicroPhoto on and off

1 To turn on Zen MicroPhoto, slide the Power switch towards the Power icon and hold it there until the OLED display lights up.

2 To turn off Zen MicroPhoto, slide the Power switch towards the Power icon and hold it there until **Shutting down...** appears.

Vertical Touch Pad



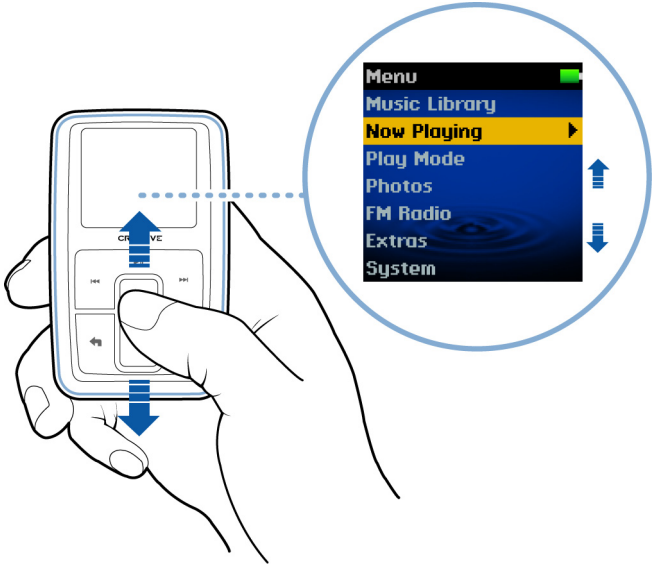
Move your thumb up and down the Vertical Touch Pad to scroll through menu items.

To rapidly scroll through menu items, hold down the top or bottom portion of the Vertical Touch Pad with your thumb.

To select a menu item, firmly tap the Vertical Touch Pad.

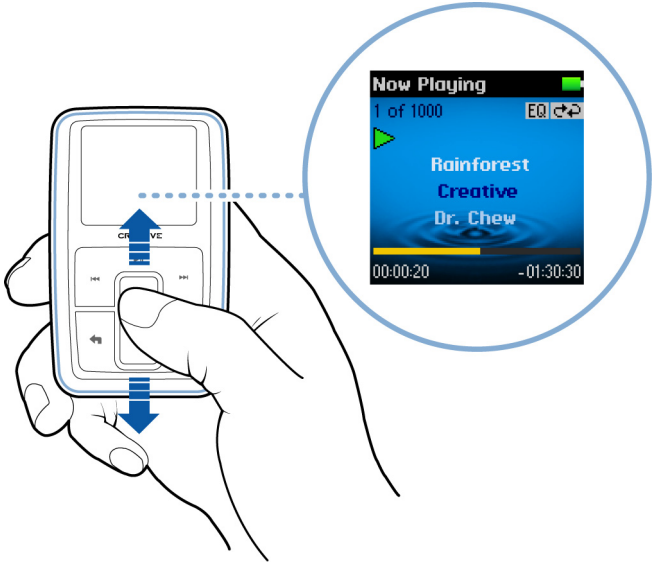
Main Menu

Press and hold the Menu/Back button to view Zen MicroPhoto's main menu. Move your thumb up and down the Vertical Touch Pad to scroll through menu items, and press the Menu/Back button to return to the previous menu or screen.



Now Playing screen

The Now Playing screen appears when you turn on Zen MicroPhoto, or when you select **Now Playing** from the main menu. When you see the Now Playing screen, move your thumb up and down the Vertical Touch Pad to adjust the volume. Status icons at the top right corner of the OLED display indicate Zen MicroPhoto's current settings and battery status.



NOTE When you see the Now Playing screen, firmly tap the Vertical Touch Pad to view the Selected Music screen. The Selected Music screen displays your list of music tracks pre-selected for playback.

Main Applications

Creative Media Explorer, Creative MediaSource™ Player/Organizer and Creative Media Toolbox are included with your player. Install and try out the applications to decide which one is more suitable for your needs.

Creative Media Explorer

Creative Media Explorer offers you the ease of managing music tracks and data files in Zen MicroPhoto, in a Windows Explorer environment. Use Creative Media Explorer, if you:

- are new to MP3 and WMA ripping and want to build up a library
- prefer to manage your Zen MicroPhoto as a removable disk drive

To start Creative Media Explorer, click the **Zen MicroPhoto Media Explorer** icon under **My Computer** or on your desktop.

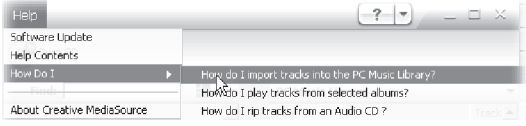
Creative MediaSource Player/Organizer

Creative MediaSource Player/Organizer is your digital music center for playing, creating, organizing, synchronizing and transferring digital music. Use Creative MediaSource Player/Organizer, if you:

- frequently need to playback or organize music in your computer
- require other features such as recording and audio conversion

To start Creative MediaSource

Double-click the Creative MediaSource icon on your desktop. For more information about using Creative MediaSource, double-click the Creative MediaSource icon on your desktop, and refer to the online Help, which offers a comprehensive **How do I** section.


Help
Software Update
Help Contents
How Do I
About Creative MediaSource
How do I import tracks into the PC Music Library?
How do I play tracks from selected albums?
How do I rip tracks from an Audio CD ?

Creative Media Toolbox

Creative Media Toolbox provides a single point of access to four software applications for cleaning, organizing and converting your music files.

Media Toolbox consists of four applications: **Auto Organizer**, **Auto Tag Cleaner**, **Tag Format Converter** and **Audio Converter**.

Auto Organizer

- Organizes and renames your music using ID3 tag categories, for example, genre or artist.

Auto Tag Cleaner

- Updates your music's ID3 tags using Disc Recognition Service (DRS) from CDDB, Inc.

Tag Format Converter

- Converts non-English ID3 tags for proper display in Zen MicroPhoto.

Audio Converter

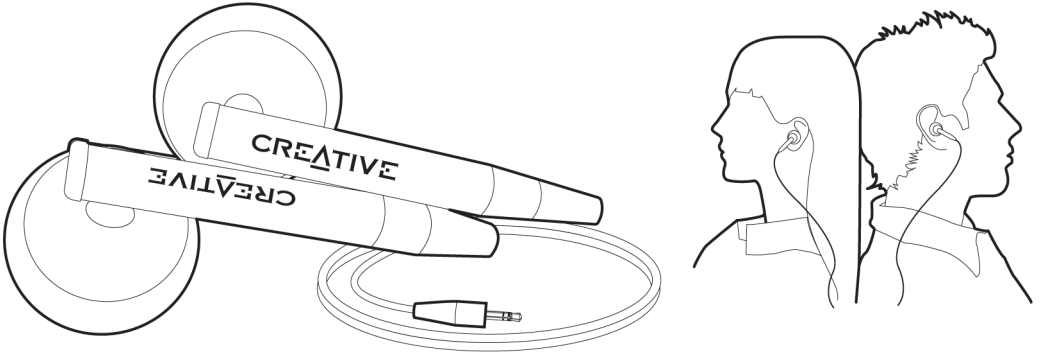
- Converts your audio files from one format to another, for example, WAV to MP3. This application is only available with Creative MediaSource installed.

Accessories

Zen MicroPhoto comes with some of the accessories described below. Accessories that are not included with your player are available from your Creative Labs dealer or at our online store at www.creative.com.

Earphones

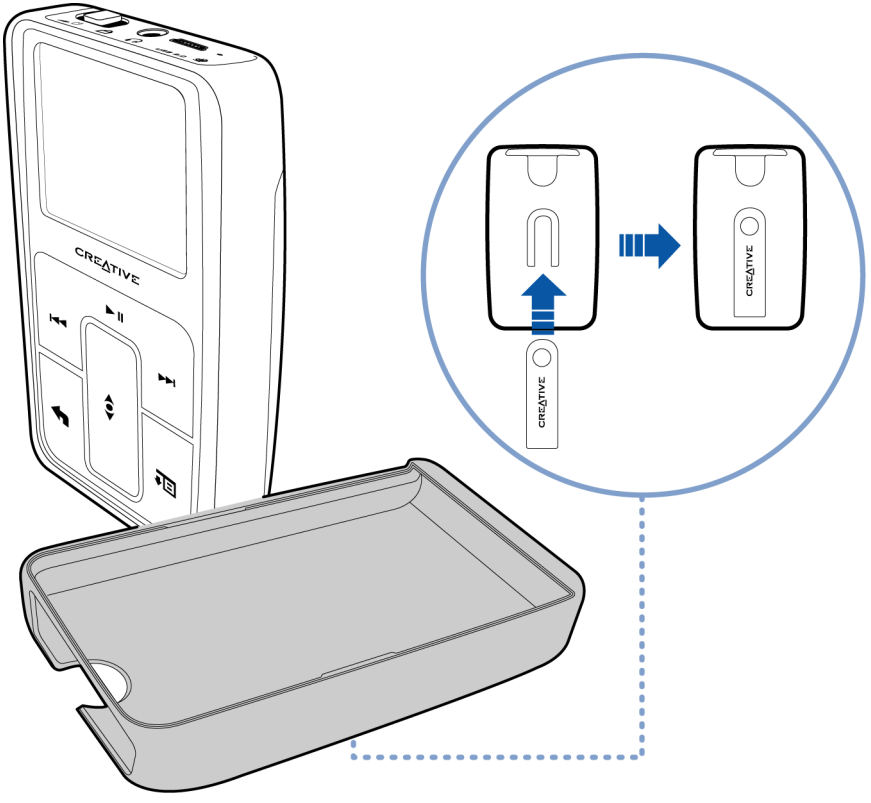
Zen MicroPhoto's earphones feature dynamic bass response and enhanced audio clarity.



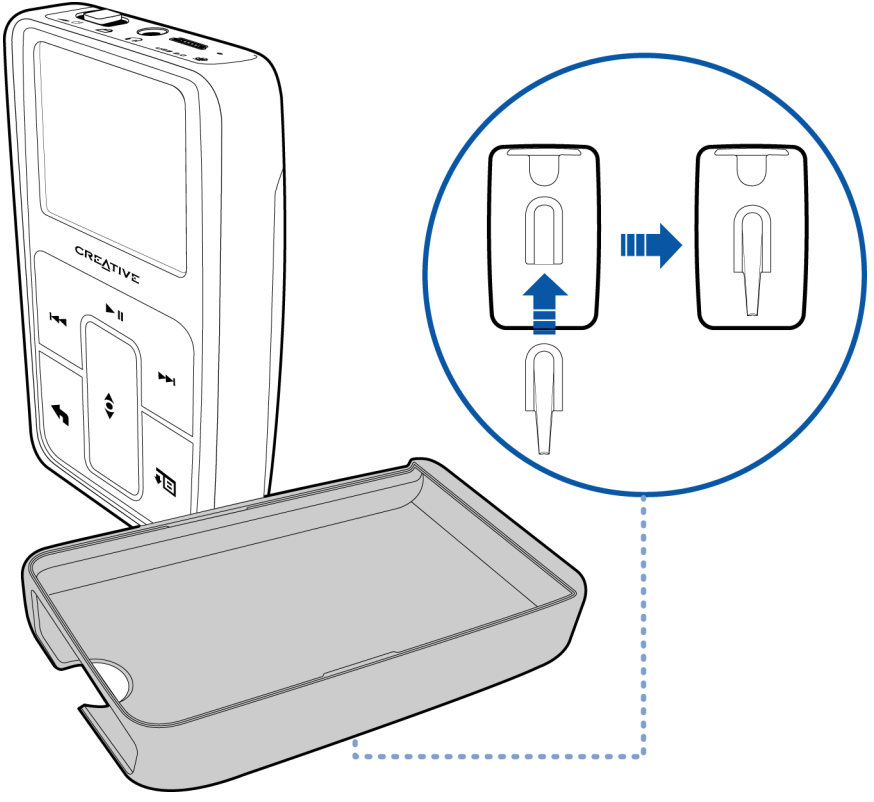
WARNING! For your safety and the safety of others, do not use your earphones while driving, cycling or any other activity that requires your full attention.

Cradle

Use Zen MicroPhoto's cradle with the belt clip for handsfree support.

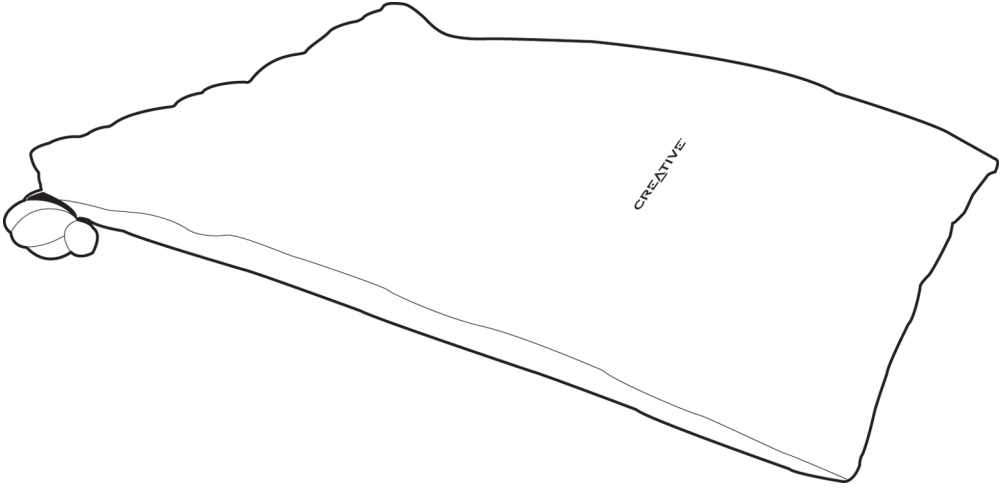


You can also use Zen MicroPhoto's cradle with the stand to rest Zen MicroPhoto on your desk.



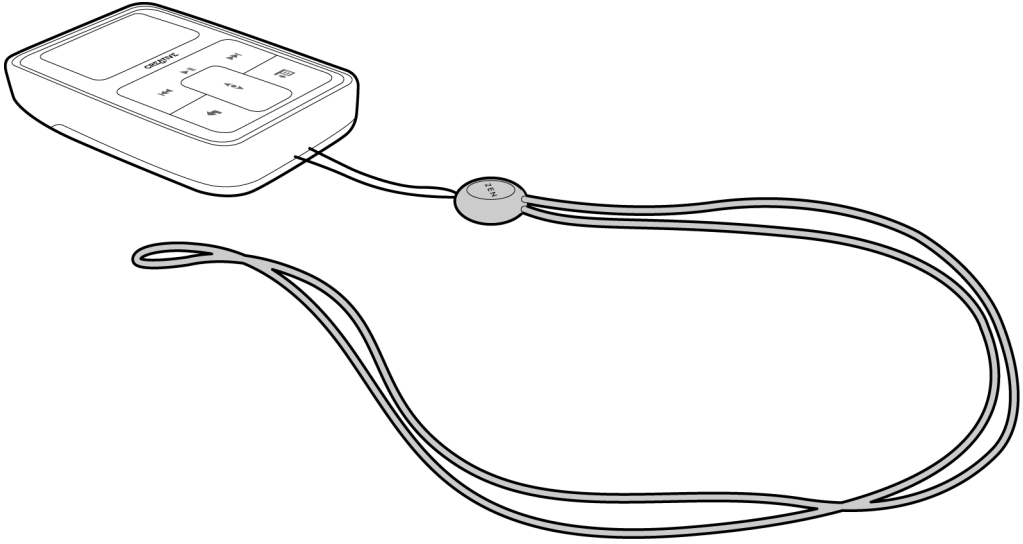
Pouch

Zen MicroPhoto's protective pouch keeps Zen MicroPhoto snug and safe.



Neckstrap

With Zen MicroPhoto's neckstrap, your music collection goes wherever you go.

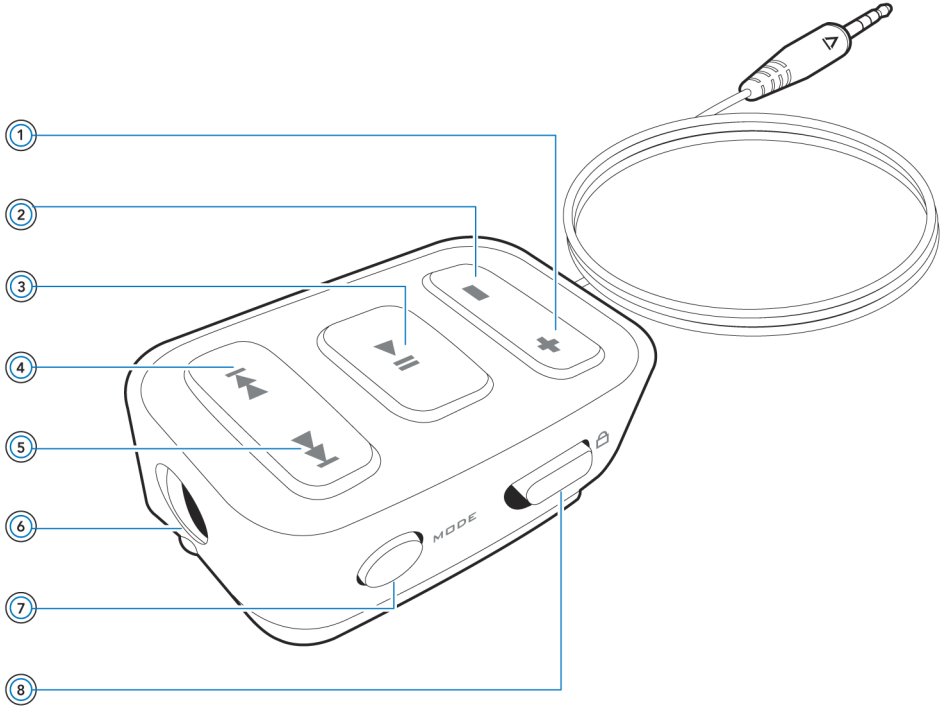


NOTE Zen MicroPhoto's neckstrap is available only in selected countries.

Wired Remote Control

Zen MicroPhoto's wired remote control gives you easy access to basic playback functions.

Connect the wired remote control to Zen MicroPhoto's Headphone jack.



NOTE Zen MicroPhoto's wired remote control is available separately in selected countries.

+ ① **Volume Increase button**

Press this button to increase the volume.

– ② **Volume Decrease button**

Press this button to decrease the volume.

▶II ③ **Play/Pause button**

Starts, pauses and resumes playback.

⏮ ④ **Previous/Rewind button**

Press this button to go the previous track.
Press and hold this button to move back within a track.

⏭ ⑤ **Next/Fast-Forward button**

Press this button to go the next track.
Press and hold this button to move forward within a track.

⑥ **Headphone jack**

Connect Zen MicroPhoto's earphones to this jack.

MODE ⑦ **MODE button**

Press this button to switch between the Now Playing and FM Radio modes.

⑧ **Lock switch**

Slide to the Lock position to disable the controls on the wired remote control.

Transferring content from your computer

About Content Types

Your Zen MicroPhoto is capable of playing different types of content, including audio tracks in the MP3, WAV or WMA formats, and photos in the JPEG (JPG) format.

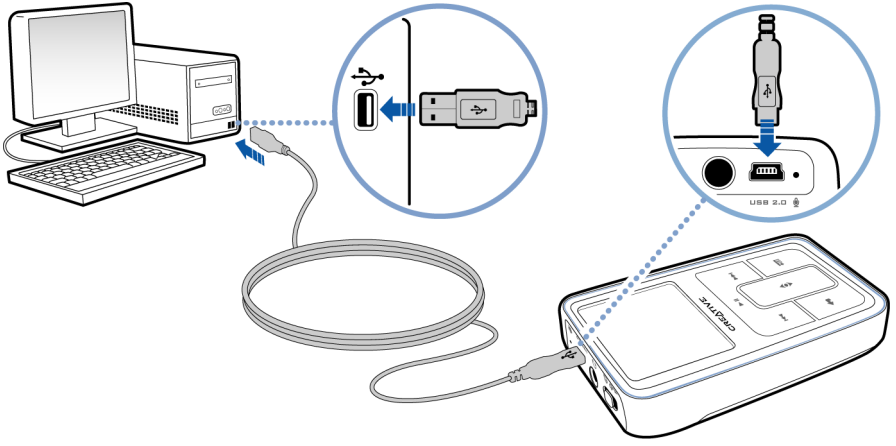
Getting Content

You can acquire content from many legal sources. Here are some suggestions:

- Audio tracks — ripped from personal audio CDs, home studio recordings or purchased from online music stores.
- Photos — encoded from digital cameras, webcams or scanned from printed photos.

Ripping music and copying files

Rip music from your CD collection to your player, or copy audio files (such as music you have purchased online) from your computer. Before ripping or copying files, make sure your player is connected to your computer as shown below.



To rip music from your CD collection

1. Double-click the **My Computer** icon on your desktop.
2. Click the **Zen MicroPhoto Media Explorer** icon .
3. Click the **Rip Audio CDs** button .
4. Follow the instructions on the screen.
   If you are connected to the Internet, album information is automatically retrieved.

To copy audio files or photos from your computer

1. Double-click the **My Computer** icon on your desktop.
2. Click the **Zen MicroPhoto Media Explorer** icon .
3. Click the **Import Media** button .
4. Follow the instructions on the screen.

To copy data files using Creative Media Explorer

1. Double-click the **My Computer** icon on your desktop.
2. Click the **Zen MicroPhoto Media Explorer** icon .
3. Click the **Transfer Documents** button .
   Locate your data files and copy them to your player or computer using the drag-and-drop method.

Creating and transferring playlists

With Creative MediaSource Player/Organizer, organizing music tracks into playlists (tracks you have organized into lists) has never been easier. You can create as many playlists as you like and transfer these to Zen MicroPhoto.

You can compile playlists using the drag-and-drop method, or automatically generate playlists based on your preferences using the Smart Playlist feature.

TIP

- For more information about using Creative MediaSource Player/Organizer, refer to its online Help.
- You can also directly create playlists on Zen MicroPhoto. For more information, see "Managing the list of selected tracks" on page 33.

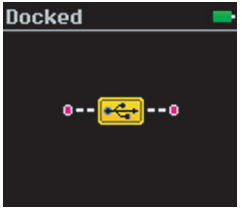
Synchronizing content with your computer

You can use Sync Manager to update and synchronize music, photo, contacts, calendar and tasks in Zen MicroPhoto and your computer.

1. Connect Zen MicroPhoto to your computer.
2. Start Sync Manager.
   You can start Sync Manager in either Creative MediaSource Player/Organizer or Creative Media Explorer.
3. Select **My Computer** and **Zen MicroPhoto** as the devices you want to synchronize, and then click **Next**.
4. Select the **Audio, Organizer data or Pictures** check box, and then click the **Sync Now** button.
5. Follow the instructions on the screen.
6. Click the **Finish** button.

Disconnecting your player

When you have finished transferring files, disconnect Zen MicroPhoto. **DO NOT** disconnect your player if you see the left picture below on the OLED display. Track or data file transfer is in progress and disconnecting your player may damage the content being transferred. Wait until you see the right picture below on the OLED display before disconnecting your player.



Playing and Managing your player

After transferring music or photos to Zen MicroPhoto, read on to learn how to get the most out of your player.

Adjusting volume

In the Now Playing screen, move your thumb up and down the Vertical Touch Pad to adjust the volume.

To adjust the volume when browsing the menu, press the Options button and select **Volume**.

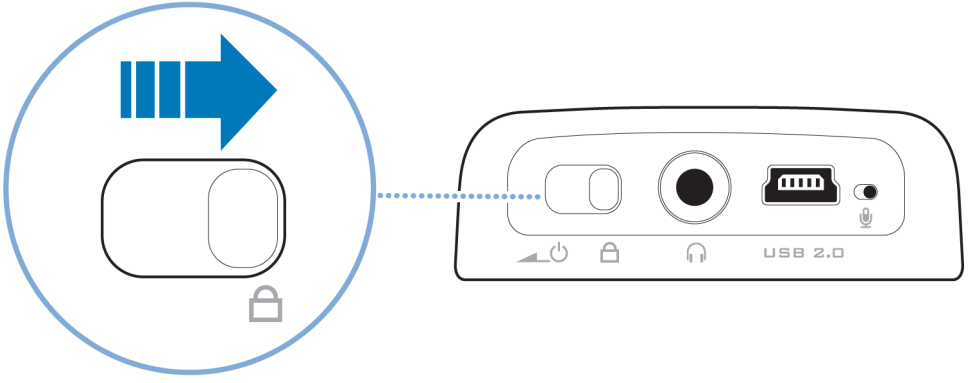
Locking Zen MicroPhoto

Locking Zen MicroPhoto disables all the controls on Zen MicroPhoto. Lock Zen MicroPhoto when you want to prevent buttons from being accidentally pressed.

You can lock Zen MicroPhoto with your player's Power switch. To lock the Zen MicroPhoto wired remote control (available separately), use the Lock switch on the wired remote control.

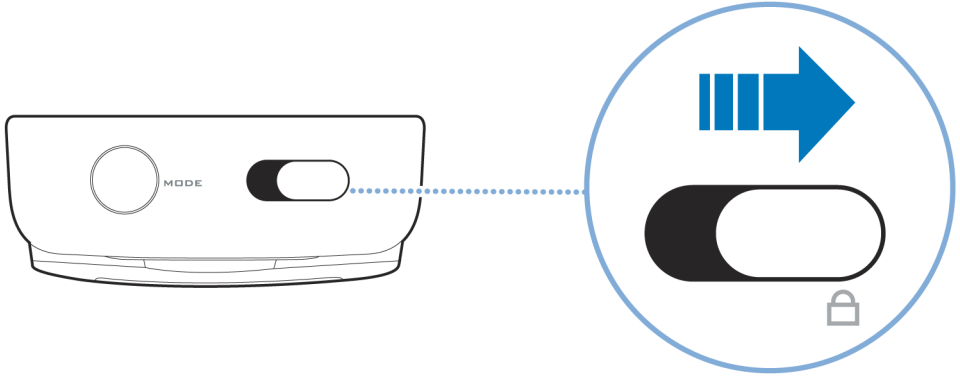
To lock Zen MicroPhoto

Slide the Power switch towards the Lock icon. The Locked icon appears on the Now Playing screen.



To lock the Zen MicroPhoto wired remote control (available separately)

Slide the Lock switch towards the Lock icon.



Selecting and playing music tracks

You can search for music tracks by album, artist, genre or title. If you have created playlists (tracks you have organized into lists) on Zen MicroPhoto, or transferred playlists from Creative MediaSource Player/Organizer, you can search for music tracks in playlists as well.

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Music Library** and select a music category, such as **Albums** or **Genres**. Select **All Tracks** if you want to search by track title.
3. Continue searching with the Vertical Touch Pad until you find what you want.
   At any time, press the Options button for more search and playback options.
4. To start playing a music track or a category of music tracks (like an album), scroll to the item and press the Play/Pause button.
   The currently playing track appears on the Now Playing screen. Firmly tap the Vertical Touch Pad when viewing the Now Playing screen to view the Selected Music screen. The Selected Music screen shows you your list of selected music tracks.

Adding a music track to the list of selected tracks

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Music Library** and select a music category, such as **Albums** or **Genres**. Select **All Tracks** if you want to search by track title.
3. Select a track.
4. Press the Options button.

5 Select **Add to Selected**.

> **NOTE** For more information about creating playlists on Zen MicroPhoto, see "Managing the list of selected tracks" on page 33.

Searching for similar tracks

During playback, you can search for another track that is similar to the currently playing track. In the Now Playing screen, press the Options button and select **Lookup Artist** to start playing a similar track.

You can also select this option when viewing the Selected Music screen. Firmly tap the Vertical Touch Pad when viewing the Now Playing screen to view the Selected Music screen. The Selected Music screen shows you your list of selected music tracks.

Selecting tracks with Zen MicroPhoto's DJ

Instead of selecting tracks yourself, you can let Zen MicroPhoto's DJ pick out tracks for you.

1 Press the Menu/Back button.
The main menu appears.

2 Select **Music Library** ▸ **DJ**.

3 Select **Album of the Day** to play an album of music tracks selected by Zen MicroPhoto's DJ.

4 Select **Random Play All** to let Zen MicroPhoto's DJ randomly play all tracks, including your recorded tracks.

5 Select **Most Popular** to let Zen MicroPhoto's DJ play frequently played tracks.

6 Select **Rarely Heard** to let Zen MicroPhoto's DJ play rarely played tracks.

Managing the list of selected tracks

Tracks you have selected for playback can be viewed and managed in the Selected Music screen.

1 Press the Menu/Back button.
The main menu appears.

2 Select **Now Playing**.

3 Firmly tap the Vertical Touch Pad.
The Selected Music screen appears.

4 Press the Options button and select one of the following playlist management options from the menu:

- **Remove... ▸ Remove Track**
  Removes the current track from the list.
- **Remove... ▸ Remove All**
  Clears the list.
- **Save As Playlist**
  Saves the list as a playlist. Name the playlist using the characters in the list box that appears, and then select **Ok**.

TIP These playlist management options are also available in the Now Playing screen.

Shuffling and repeating the list of selected tracks

You can shuffle or repeat your list of selected tracks by selecting a different play mode.

1 Press the Menu/Back button.
The main menu appears.

2 Select **Play Mode**.

3 Select one of the following items in the Play Mode screen:

- **Normal**
  Plays your selected tracks in sequential order.
- **Repeat Track**
  Repeats the current track. When you select this play mode, appears on the Now Playing screen.
- **Repeat All**
  Repeats all selected tracks. When you select this play mode, appears on the Now Playing screen.
- **Shuffle**
  Plays all selected tracks in random order, once only. When you select this play mode, appears on the Now Playing screen.
- **Shuffle Repeat**
  Plays and repeats all selected tracks, in random order. When you select this play mode, appears on the Now Playing screen.
- **Track Once**
  Stops playing after the current track ends. When you select this play mode, appears on the Now Playing screen.

TIP To change the play mode during playback, press the Options button and select Play Mode.

Searching within a track

You can search for a particular point within a track and start playing from there. For example, if you want to start playback one minute into a music track, you can pinpoint or *seek to* the one minute position and then play from there.

1 In the Now Playing screen, press the Options button and select **Seek To**.
2 Move your thumb up and down the Vertical Touch Pad to scroll to any point within the current track.
3 Firmly tap the Vertical Touch Pad to start playing from the selected position.

Using bookmarks

You can insert bookmarks during playback. A bookmark helps you mark a point within a track, so you can return to it at a later time.

For example, if you are listening to your recording of an interview, insert a bookmark if you need to stop halfway through. When you want to continue listening from where you left off, go to this bookmark.

You can use up to 10 bookmarks at any one time.

To insert a bookmark

1 In the Now Playing screen, press the Options button and select **Set Bookmark**.
Playback pauses and the Set Bookmark screen appears.
2 Select a bookmark number.
Your bookmark is assigned to the selected bookmark number. If all 10 bookmark numbers have been assigned, you can replace an existing bookmark with the new one.

To go to a bookmark

1 Press the Menu/Back button.
The main menu appears.
2 Select **Music Library** ▸ **Bookmarks**.

3 Select the bookmark that you want.

Listening to the radio

The FM frequency range on your player is set to "International" by default. Most regions in the world receive FM broadcasts in this range.

To perform an autoscan and autosave

1 Press the Menu/Back button.
The main menu appears.

2 Select **FM Radio**.

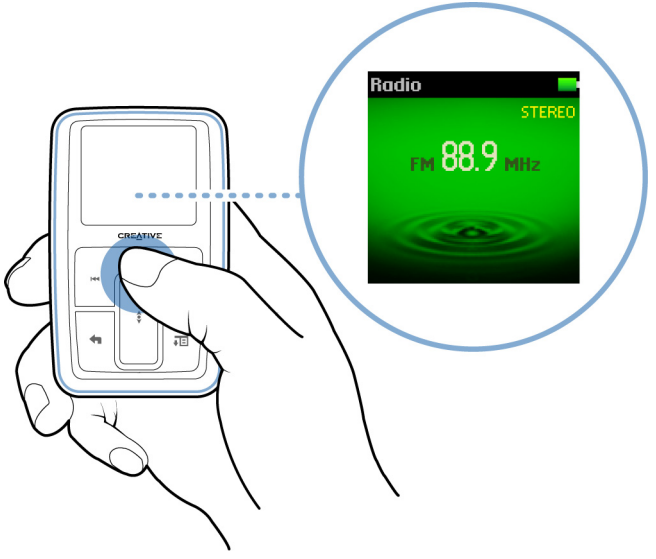
3 To automatically scan and save radio stations, press the Options button and select **Autoscan**.
The player scans for all radio stations with clear reception. At the end of the autoscan, Zen MicroPhoto automatically saves all stations as presets and tunes in to the first preset.

4 Press the Next/Fast-Forward button or Previous/Rewind button to select a different preset.

NOTE

- Make sure your earphones are connected to your player when scanning for radio stations. The earphone cable acts as an antenna for radio reception.
- If you're using the Zen MicroPhoto wired remote control (available separately), you can press the MODE button to switch between the Now Playing and FM Radio screens.

5 To fine tune or manually scan for a radio station, press the Play/Pause ▶II button to switch to the manual tuning view.



Manual tuning view
Preset information disappears in the manual tuning view.

6 Press the Next/Fast-Forward ▶▶I button or Previous/Rewind I◀◀ button to fine tune the radio frequency.

7 Hold down the Next/Fast-Forward ▶▶I button or Previous/Rewind I◀◀ button for one second to scan for the next available radio station.

8 To save a radio station as a preset, press the Options button, select **Save As Preset**, and then select a preset number.

Deleting radio presets

1. Press the Menu/Back button.
   The main menu appears.
2. Select **FM Radio**.
3. Press the Next/Fast-Forward button or Previous/Rewind button to select the preset you want to delete.
4. Press the Options button and select **Delete Preset**.

Recording radio broadcasts

1. While listening to a radio broadcast, press the Options button and select **Record Radio** to start recording.
2. While recording, you can press the Options button and select one of the following items:
   - **Pause**
     Pauses the recording. You can also pause the recording by pressing the Play/Pause button.
   - **Split**
     Starts a new recording.
   - **Stop**
     Stops and saves the recording.
3. The recorded track is named **FM** followed by the date and time of the recording (**FM YYYY-MM-DD HH:MM:SS**). For example, if you record a track on March 15, 2004 at 2:57 pm, the track is named **FM 2004-03-15 14:57:00**.

4 To view and play back recorded tracks, see "Playing recorded tracks" on page 40.

> **NOTE** Make sure your earphones are connected to your player when recording radio broadcasts. The earphone cable acts as an antenna for radio reception.

Recording with the built-in microphone

1 Press the Menu/Back button.
The main menu appears.

2 Select **Extras** ▸ **Microphone**.

3 Press and hold the Play/Pause ▶ II button to start recording.

> **TIP** For a clear recording, make sure you place Zen MicroPhoto as close as possible to what you want to record.

4 While recording, you can press the Options button and select one of the following items:

- **Pause**
  Pauses the recording. You can also pause the recording by pressing the Play/Pause ▶ II button.
- **Split**
  Starts a new recording.
- **Stop**
  Stops and saves the recording.

5 The recorded track is named **MIC** followed by the date and time of the recording (**MIC YYYY-MM-DD HH:MM:SS**). For example, if you record a track on March 15, 2004 at 2:57 pm, the track is named **MIC 2004-03-15 14:57:00**.

6 To preview your new recording, press the Options button and select **Preview**. To delete it, select **Delete Recording**.

Playing recorded tracks

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Music Library** ▸ **Recordings**, and select the recording you want to play.

Deleting tracks

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Music Library** and select a music category, such as **Albums** or **Genres**. Select **All Tracks** if you want to search by track title.
3. Continue searching with the Vertical Touch Pad until you find the track or category of tracks that you want to delete.
4. Press the Options button and select **Delete Playlist**, **Delete Album**, **Delete Artist**, **Delete Genre** or **Delete Track**.
   For more song management tasks, connect your player to your computer and use Creative MediaSource Player/Organizer.

Viewing track information

To view detailed information about a track, such as its duration, scroll to the track, press the Options button, and select **View Details**.

Viewing player information

You can view player information, such as hard disk space and the total number of tracks, in the Information screen.

1 Press the Menu/Back ↩ button.
The main menu appears.

2 Select **System ▸ Information**.

Viewing and managing photos

With Zen MicroPhoto's high-capacity storage, you can store thousands of photos in your player, and even set up a slideshow, so that you can share memories with friends and family. Your player only displays photos that are in the JPEG (JPG) format.

To locate a photo

Use your computer to sort photos by date or alphabetically for quicker searches.

1 Press the Menu/Back ↩ button.
The main menu appears.

2 Select **Photos**, and select the photo you want to view.

To view a slideshow

1 Press the Menu/Back ↩ button.
The main menu appears.

2 Select **Photos**, and press the Play/Pause ▶II button.
The slideshow starts.

To change the slideshow timer

1. Press the Menu/Back button.
   The main menu appears.
2. Select **System** ▸ **Photo Settings** ▸ **Slide Timer**.
   The current slideshow timing is displayed.
3. Use the Vertical Touch Pad to scroll to the slideshow timing that you want.

To delete a photo

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Photos**, and select the photo that you want to delete.
3. Press the Options button.
4. Select **Delete Picture**.
5. Select **Yes**.

Storing Photos and Data Files in Zen MicroPhoto

You can use Zen MicroPhoto to store photos and data files, or use it to transfer files from one computer to another.

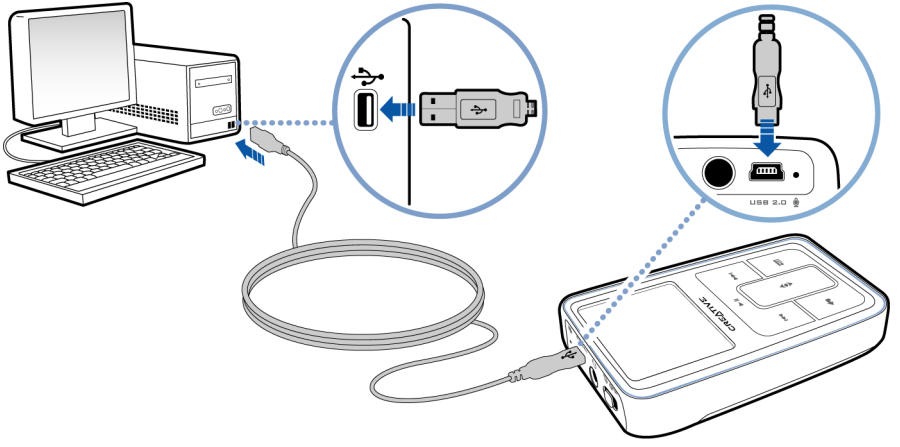
Use Creative Media Explorer if you need to transfer data files between Zen MicroPhoto and your computer. Creative Media Explorer offers you the ease of managing data files (as well as music tracks and photos) in Zen MicroPhoto, in a Windows Explorer environment. Creative Media Explorer is automatically installed when you set up the Zen MicroPhoto software on your computer. For more information, refer to Creative Media Explorer's online Help.

If you are using a shared computer in school or at the office without Windows XP (Service Pack 1 or higher) and Windows Media Player 10 installed, you can still transfer data files. However, you must enable Zen MicroPhoto's Removable Disk mode when you do this.

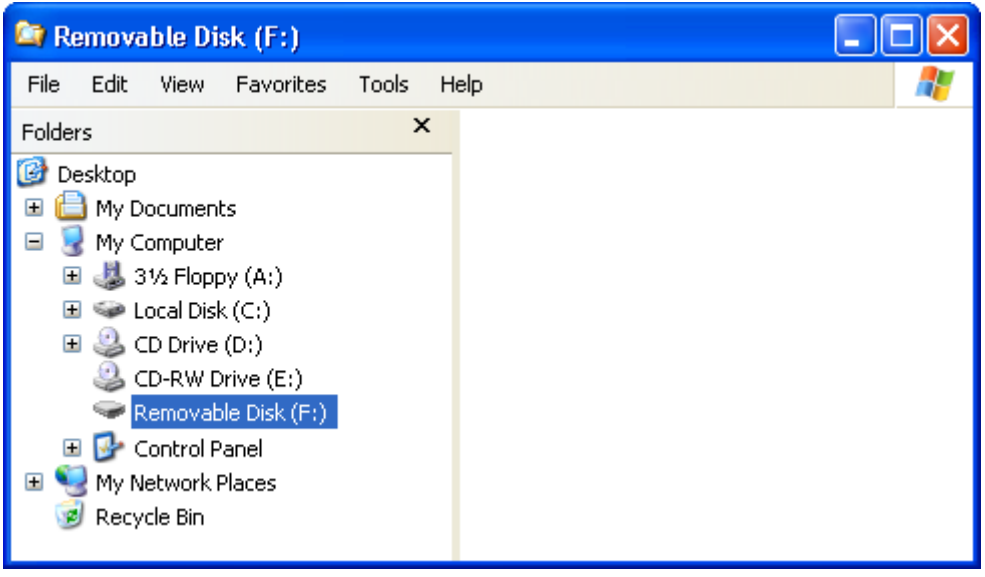
Using your Zen MicroPhoto as a Removable Disk in Windows XP, Windows 2000 or Windows Me

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Extras** ▸ **Removable Disk**.
   When you select this menu item for the first time, you must select the amount of hard disk space you want to use for the Removable Disk mode.
3. When you see **Removable Disk** on Zen MicroPhoto's OLED display, you are ready to transfer data files to and from any computer.

4 Connect Zen MicroPhoto to your computer using the supplied USB cable.



Zen MicroPhoto appears as a Removable Disk under **My Computer** in Windows Explorer.



5 Use the drag-and-drop method in Windows Explorer to copy files to and from Zen MicroPhoto.

6 When you have finished copying files, safely disconnect Zen MicroPhoto using the **Safely Remove Hardware** icon on the Taskbar. To safely disconnect your player, see "Stopping Zen MicroPhoto Properly" on page 47.

7 To return to the Now Playing screen and continue listening to music on Zen MicroPhoto, press the Menu/Back button.
Remember to disconnect Zen MicroPhoto first. Zen MicroPhoto cannot return to the Now Playing screen if the USB cable is still connected to it.

NOTE
- Data files saved in the Removable Disk Mode hard disk space cannot be viewed or managed with Creative Media Explorer.
- Similarly, data files transferred to Zen MicroPhoto using Creative Media Explorer cannot be viewed or managed in Removable Disk Mode.

Changing the amount of hard disk space in Removable Disk mode

You can change the amount of hard disk space in Removable Disk mode at any time.

1 Press the Menu/Back button.
The main menu appears.

2 Select **Extras** ▸ **Removable Disk**.

3 Press the Options button, select **Set Capacity**, and select the capacity that you want.
Before you can decrease the amount of hard disk space, the existing data files stored in Removable Disk mode must be able to fit into the decreased space.

NOTE
- To delete all the data files in the Removable Disk hard disk space, press the Options button and select **Format**.
- Use Windows Explorer if you want to delete individual data files stored in Removable Disk mode.

4 Alternatively, connect Zen MicroPhoto to your computer and use Creative Removable Disk Manager to increase or decrease the amount of hard disk space in Removable Disk mode.

TIP

- Creative Removable Disk Manager is included with your player and is automatically installed when you set up the Zen MicroPhoto software on your computer.
- To start Creative Removable Disk Manager, click **Start** → **Programs** or **All Programs** → **Creative** → **Creative Removable Disk Manager** → **Creative Removable Disk Manager**.

Stopping Zen MicroPhoto Properly

To prevent data loss, ensure that:

- you have disconnected Zen MicroPhoto properly in Windows before unplugging it from the USB port on your computer (refer to the steps for your respective operating system).
- you do not unplug Zen MicroPhoto from the USB port on your computer when transferring files to or from the device, or when files stored in Zen MicroPhoto are in use.

CAUTION! Only disconnect Zen MicroPhoto after the **Do not Disconnect** message disappears from the OLED display. If not, your player may not be able to function normally.

Click the **Safely Remove Hardware** icon on the Taskbar, click **Safely remove USB Mass Storage Device**, and disconnect your player when you are prompted to do so.

Using Zen MicroPhoto's Organizer Features

Zen MicroPhoto stores your contacts, calendar events and tasks from Microsoft Outlook®. Read on to learn how to use these organizer features.

If you do not have Microsoft Outlook installed, you can use Creative Media Explorer to edit your calendar, "to do" tasks and contact information using the Personal Information Manager (PIM) editor. In Creative Media Explorer, click the **Manage Organizer Data in Device** button.

Synchronizing with Microsoft Outlook

1. Connect Zen MicroPhoto to your computer.
2. Start Sync Manager.
   You can start Sync Manager from Creative Media Explorer or Creative Media Source Player/Organizer.
3. Select the My Computer and Zen MicroPhoto as the devices you want to synchronize, and then click **Sync Now**.
4. Select the information you want to import from Microsoft Outlook, and then click the **Next** button.
5. Follow the instructions on the screen.
6. Click the **Finish** button.

> **TIP** You can also use Sync Manager to synchronize music, photo, contacts, calendar and tasks between Zen MicroPhoto and your computer. For more information, see "Synchronizing content with your computer" on page 26.

Viewing the calendar

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Extras** ▸ **Organizer** ▸ **Calendar**.
3. Use the Next/Fast Forward and Previous/Rewind buttons to scroll between months, and use the Vertical Touch Pad to scroll between the days in the selected month.
4. Firmly tap the Vertical Touch Pad to view the events and to-do list of the selected day.

Viewing today's tasks

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Extras** ▸ **Organizer** ▸ **Tasks**.

Viewing contacts

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Extras** ▸ **Organizer** ▸ **Contacts**.
3. Select a name in your contact list to view details about the selected person.

Personalizing Zen MicroPhoto

Zen MicroPhoto's settings can be adjusted to suit your needs.

Adjusting Vertical Touch Pad settings

You can change the Vertical Touch Pad's sensitivity, and turn the Vertical Touch Pad's clicking sound on or off.

1. Press the Menu/Back button.
   The main menu appears.
2. Select **System** ▸ **Player Settings** ▸ **TouchPad**.
3. To adjust the Vertical Touch Pad's sensitivity, select **Sensitivity** and use the Vertical Touch Pad to scroll to the setting that you want.
4. To turn the clicking sound on or off, select **Clicker: On** or **Clicker: Off**.

Changing the Theme

You can change your player's display color by selecting a different theme.

1. Press the Menu/Back button.
   The main menu appears.
2. Select **System** ▸ **Player Settings** ▸ **Theme**.
   The current Theme is displayed.
3. Use the Vertical Touch Pad to scroll to the theme that you want.

Setting the date and time

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Extras** ▸ **Date & Time**. The current date and time are displayed.
3. Press the Options button and select **Set Time** or **Set Date** to change the time or date settings respectively.
4. You can adjust how the date and time are displayed by selecting **Date Separator**, **Date Format** and **Time Format**.

Setting the alarm

1. Press the Menu/Back button.
   The main menu appears.
2. Select **Extras** ▸ **Date & Time**. The current date and time are displayed.
3. To adjust time, date and alarm settings, press the Options button and select **Set Alarm**.

Using Zen MicroPhoto's equalizer (EQ)

EQ is Zen MicroPhoto's collection of equalizer settings that enhance the sound of your music. You can select equalizer settings to suit the genre or style of your music, or customize your own setting.

1. Press the Menu/Back button.
   The main menu appears.
2. Select **System** ▸ **Audio Settings** ▸ **EQ**.

3 Select one of the EQ menu items.

When an EQ setting is selected, appears on the Now Playing screen.

To create a customized equalizer setting

1 In the EQ screen, select **Custom EQ**.
Each slider on the Custom EQ screen represents successively higher frequencies that can be adjusted.

- **80** controls bass frequency
- **250** adjusts the low mid-range frequency
- **1k** adjusts the mid-range frequency
- **4k** adjusts the upper mid-range frequency
- **13k** adjusts the treble frequency.

2 Select a slider, and move your thumb up and down the Vertical Touch Pad to move the control knob up or down to vary the amount of boost or reduction in the selected frequency range.

3 Firmly tap the Vertical Touch Pad to confirm the setting for the selected slider.

4 Repeat steps 2 and 3 for the remaining sliders.

5 Select the check mark to save and enable the **Custom EQ** settings.

Setting playback at a constant volume

You can limit the volume range of playback with Smart Volume. When enabled, Smart Volume sets playback at a constant volume, so you do not have to continually adjust the volume when you play back different tracks.

1 Press the Menu/Back button.
The main menu appears.

2 Select **System** ▸ **Audio Settings** ▸ **Smart Volume: On**.

Enabling the bass boost feature

Enabling the bass boost feature enhances the bass in your track during playback.

1 Press the Menu/Back button.
The main menu appears.

2 Select **System** ▸ **Audio Settings** ▸ **Bass Boost: On**.

Labeling Zen MicroPhoto with your name

1 Press the Menu/Back button.
The main menu appears.

2 Select **System** ▸ **Player Settings** ▸ **Owner**.

3 Spell out your name using the characters in the list box that appears, and then select **Ok**.

Setting the display duration

1 Press the Menu/Back button.
The main menu appears.

2 Select **System** ▸ **Player Settings** ▸ **Display Timer**.

3 Use the Vertical Touch Pad to scroll to the display duration that you want before your player enters Screensaver mode.

Setting the display contrast

1. Press the Menu/Back button.
   The main menu appears.
2. Select **System ▸ Player Settings ▸ Contrast**.
3. Use the Vertical Touch Pad to scroll to the contrast setting that you want.

Setting the Idle Sleep time

You can specify how long Zen MicroPhoto remains inactive before it automatically shuts down. This feature helps you conserve battery power.

1. Press the Menu/Back button.
   The main menu appears.
2. Select **System ▸ Player Settings ▸ Idle Sleep**.
3. Use the Vertical Touch Pad to scroll to the setting that you want.

Enabling the Snooze Timer

You can specify a fixed period of time before Zen MicroPhoto automatically turns off. This feature helps you conserve battery power.

1. Press the Menu/Back button.
   The main menu appears.
2. Select **System ▸ Player Settings ▸ Snooze Timer**.
3. Use the Vertical Touch Pad to scroll to the setting that you want.

Changing the menu language

1. Press the Menu/Back button.
   The main menu appears.
2. Select **System** ▸ **Language**, and select the language that you want.

Resetting Zen MicroPhoto

You can reset Zen MicroPhoto to its original settings.

1. Press the Menu/Back button.
   The main menu appears.
2. Select **System** ▸ **Reset Settings**.

Adding and removing main menu items

You can personalize the main menu by adding and removing menu items. For example, if you usually search for songs by album, you can add Albums to the main menu so you can access the Albums screen more easily.

1. Press the Menu/Back button.
   The main menu appears.
2. Press the Options button and select **Configure Menu**.
3. Select the check boxes to add menu items and clear the check boxes to remove these menu items from the main menu.
4. To change the order of the menu items, press the Options button and select **Change Order**.

5 Use the Vertical Touch Pad to change the position of the highlighted menu item.

6 To revert to the default menu settings, press the Options button and select **Default Menu**.

Frequently Asked Questions

If the tips and advice in this chapter do not answer your question, refer to the Creative Knowledge Base for more information. Creative's 24-hour self-help Knowledge Base helps you resolve and troubleshoot technical queries. Go to www.creative.com, select your region and then select Support ▸ Knowledge Base.

For the latest firmware updates to improve Zen MicroPhoto's functionality, go to www.creative.com, select your region and then select Support ▸ Downloads.

What are the minimum system requirements for setting up Zen MicroPhoto's software?

- Microsoft® Windows® XP Professional x64 Edition or Windows XP (Service Pack 1 or higher)
- Intel® Pentium® II 350 MHz, AMD®-K6-2® 450 MHz or better processor (Pentium III 450 MHz or higher recommended for MP3 encoding)
- CD-ROM/DVD-ROM drive with digital audio extraction support
- USB 1.1 (USB 2.0 port recommended for faster transfers)
- 64 MB RAM (128 MB recommended)
- 170 MB free hard disk space (more for audio content storage)
- Internet connection for Internet content downloading and CDDB2™ support (any charges incurred are the responsibility of the user)

NOTE The software applications on the Zen MicroPhoto CD may have higher requirements for basic functionality. Refer to each application's documentation for details.

Can I jog with my Zen MicroPhoto?

You should not subject Zen MicroPhoto to continuous shocks, such as those that are likely to occur while you jog or run.

Can I transfer Digital Rights Management (DRM) protected WMA files to my player?

Yes. To transfer DRM protected WMA files to Zen MicroPhoto, you can use Creative MediaSource Player/Organizer or Creative Media Explorer.

Can I use the player for portable data storage?

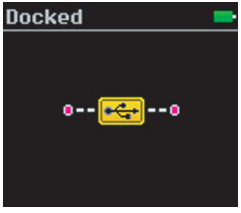
Yes, you can. For more information, see "Storing Photos and Data Files in Zen MicroPhoto" on page 43.

I have to recharge Zen MicroPhoto's battery quite often. Is there anything I can do to make it last longer?

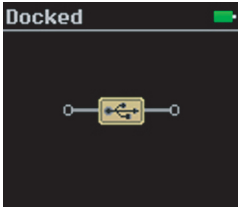
Generally, any operation requiring Zen MicroPhoto to access the hard disk uses battery power. Consequently, filling your player to capacity is not recommended. However, some operations consume more battery power:

- a long display duration setting. A shorter display duration setting conserves battery power.
- a high contrast setting. Position the player so that you can read the display without using a high contrast setting.
- fast-forwarding or rewinding.
- turning the player on and off too many times.
- prolonged use at high volumes.

One of the following diagrams appears on the OLED display. What does it mean?

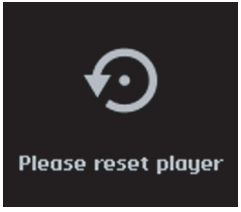


Your computer is actively managing your player. Warning: DO NOT disconnect your player while your computer is still actively managing it.



Your computer is not actively managing your player. To use your player, disconnect it from your computer.

You are upgrading your player's firmware.



The firmware upgrade is complete. Reset your player for the new firmware to take effect. For more information, see "How do I reset Zen MicroPhoto?" on page 61.

There was an unexpected power loss during audio file transfer. Use your player only after this library rebuilding is completed.

Your hard disk drive is updating the tracks in your player. This occurs after transferring tracks to your player and unplugging it.

There was an unexpected power loss while saving settings. Reload the firmware, download a newer firmware version or contact Customer Support Services.

The firmware is corrupted. Reload the firmware, download a newer firmware version or contact Customer Support Services.

How do I reset Zen MicroPhoto?

You can solve most problems with Zen MicroPhoto by resetting it.

1. Turn off Zen MicroPhoto.
2. Slide open the battery cover.
3. Remove the battery and wait five seconds before reinserting the battery.

Zen MicroPhoto does not turn on or stops responding. What do I do?

- Make sure the Power switch is not in the Lock position.
- If you're using the Zen MicroPhoto wired remote control (available separately), make sure the wired remote control's Lock switch is not is the Lock position.
- Your battery may need to be recharged. Connect Zen MicroPhoto to your computer's USB port with the supplied USB cable.

Do I need to defragment Zen MicroPhoto's hard disk drive?

Zen MicroPhoto may occasionally operate at less than optimal performance for a number of reasons, for example, if Music Library is rebuilt frequently when no changes are made to it. Selecting **Clean Up** in Zen MicroPhoto's Recovery Mode menu cleans, rebuilds and reorganizes Music Library and restores it to optimal efficiency. Save a copy of Zen MicroPhoto's content before cleaning up your player.

To clean up Zen MicroPhoto's hard disk drive

1. Turn off Zen MicroPhoto.
2. Slide open the battery cover.
3. Remove the battery.
4. Slide the Power switch towards the Power icon and hold it there while you reinsert the battery.
   The Recovery Mode screen appears when Zen MicroPhoto turns on.
5. Four menu items are available in the Recovery Mode screen: **Clean Up**, **Format All**, **Reload Firmware** and **Reboot**.
6. To clean up your player's hard disk drive, select **Clean Up**.

7 When the clean up is complete, select **Reboot**. Your player restarts and starts rebuilding Music Library.

CAUTION!

- Selecting **Format All** erases Zen MicroPhoto's hard disk content. Save a copy of your player's content before formatting your player.
- Selecting **Reload Firmware** erases your player's firmware. DO NOT select the **Reload Firmware** option unless you have downloaded a newer firmware version for Zen MicroPhoto, or have been advised to do so by the Creative Customer Services center.

My Zen MicroPhoto wired remote control (available separately) is not working. What do I do?

- Make sure the wired remote control's Lock switch is not in the Lock position.
- Make sure the wired remote control is properly connected to Zen MicroPhoto, and the earphones are properly connected to the wired remote control.

What is PC Music Library?

PC Music Library is your collection of digital audio tracks in Creative MediaSource Player/Organizer. In Creative MediaSource Player/Organizer, you can have more than one PC Music Library. When sharing the same computer, multiple users can each have their own music library, each with its own settings. However, only one music library can be active at one time.

Can PC Music Library be automatically updated?

Yes. You can use the Media Sniffer tool in Creative MediaSource Player/Organizer to monitor or 'watch' folders in your computer. With Media Sniffer enabled, PC Music Library is updated when tracks in monitored folders are added, deleted or moved. This helps to prevent broken links in PC Music Library. For more information about using Creative MediaSource Player/Organizer, refer to its online help.

Where can I get more information on Creative products?

Visit **www.creative.com** and select your region or country for updates and downloads relating to all Creative products.

Safety Information

Refer to the following information to use your player safely, and to reduce the chance of electric shock, short-circuiting, damage, fire, hearing impairment or other hazards.

NOTE Improper handling may void the warranty of your player. For more information, read the Warranty available with your product.

- Do not dismantle or attempt to repair your player, battery or power adapter. **Refer all servicing to Creative or authorized repair agents.**
- Do not expose your player or battery to temperatures outside the range of 0°C to 45°C (32°F to 113°F).
- Do not pierce, crush or set fire to your player or battery.
- Keep your player or battery away from strong magnetic objects.
- Do not subject your player to excessive force or impact.
- Do not expose your player or battery to water or moisture.
- If your player is moisture-resistant (see product packaging for details), take care not to immerse your player in water or expose it to rain.
- Do not listen to audio at high volume for prolonged periods of time.
- The battery must be recycled or disposed of properly. Contact local agencies for recycling and disposal information.
- Do not allow metal objects to touch the terminals of your battery.
- If there is leakage, an offensive odor, discoloration or deformation during charging or use, remove the battery and do not use it again. Clean your hands well before touching food or sensitive areas, for example, your eyes.

General Specifications

Size (WxHxD)

- 51 mm (2.0") x 83 mm (3.3") x 17.2 mm (0.7")

Weight (approximate)

- 115 g (4.1 oz) with battery

Power Source

- Battery: 1 x Rechargeable Lithium Ion battery
- USB bus powered when connected to a power outlet or powered USB port on a computer

Playback Formats

- Audio playback formats: MP3: Up to 320 kbps, WMA: Up to 320 kbps, WMA with Digital Rights Management (DRM) 9 or later, WAV
- Photo format: JPEG

Recording Formats

- Voice (via built-in microphone): IMA ADPCM (16 kHz, Mono)
- FM Radio: IMA ADPCM (22 kHz, Stereo)

FM Radio

- Stereo and Mono
- Up to 32 preset stations
- FM region support
  International: 87.5 MHz ~ 108.0 MHz, 100 kHz intervals

MP3 Playback Performance

- Signal-to-Noise Ratio: Up to 96 dB
- Channel Separation: Up to 65 dB
- Frequency Response: 20 Hz ~ 20 kHz
- Harmonic Distortion Output: <0.1%

Connectors

- Headphone jack: 3.5 mm (1/8") stereo minijack, 25 mW per channel
- USB 2.0 port: Standard USB mini-B receptacle
- USB 2.0 (High speed)
- USB 1.1 (Full speed)

Display

- 128 x 128 pixel OLED display (262K color)

Firmware Support

- Upgradable via USB (firmware upgrades are available from **www.creative.com**)

Earphone Specifications

- Frequency Range: 20 Hz ~ 20 KHz
- Sensitivity: 111 dB ±5 dB (I/P Level:1 mW)
- Impedance: 32 Ω ±15%
- Plug: 3.5 mm (1/8") stereo minijack